

# GEOLOGIC MAP OF THE SOUTHERN HALF OF THE LANGLOIS QUADRANGLE CURRY COUNTY, OREGON

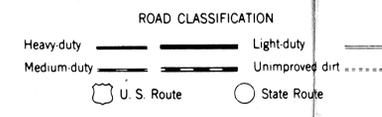
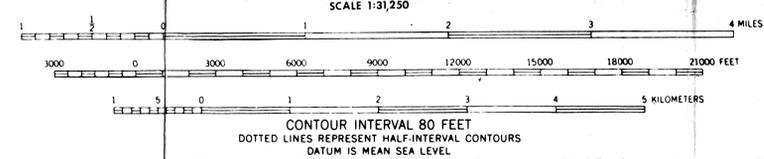
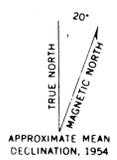


### EXPLANATION

RECENT		ALLUVIUM, stream deposits
		STREAM TERRACES
PLEISTOCENE- PLIOCENE		LOW MARINE TERRACES
		HIGH MARINE TERRACES
UNCONFORMITY		
PLIOCENE		EMPIRE FORMATION, poorly consolidated sandstone
UNCONFORMITY		
MIDDLE EOCENE		UNDIFFERENTIATED EOCENE STRATA, siltstone
		UMPQUA FORMATION, upper member, conglomerate, massive sandstone, rhythmic siltstone
		UMPQUA FORMATION, middle member, massive sandstone, rhythmic siltstone
UNCONFORMITY		
UPPER CRETACEOUS		UPPER CRETACEOUS STRATA (?), sandstone, mudstone, limestone interbeds
UNCONFORMITY		
LOWER CRETACEOUS		ROCKY POINT FORMATION, graded sandstone and mudstone, some conglomerate
		HUMBURG MOUNTAIN CONGLOMERATE, chiefly coarse, massive conglomerate
UNCONFORMITY		
UPPERMOST JURASSIC		OTTER POINT FORMATION, sandstone, mudstone, conglomerate (Joc), zones of volcanic flows, pyroclastics (Jov), chert (Jac), with associated serpentinite and blueschist
		SERPENTINITE, and related magnesian schists
		SCHIST, blueschist, amphibolite, and related rocks
UNCONFORMITY		
UPPER JURASSIC		COLEBROOKE SCHIST, quartz-mica phyllite and schist (Jc), stretched-pebble conglomerate (Jc), and greenstone (Jcv)
		GALICE FORMATION, metavolcanic flows and pyroclastic rock

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Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1952 Field check 1954  
Polyconic projection, 1927 North American datum  
10,000-foot grid based on Oregon coordinate system, south zone



GEOLOGY BY ROBERT L. LENT  
DRAFTING BY RICHARD L. HEPLER  
1969

- #### SYMBOLS
- F FOSSIL LOCALITY
  - CONTACT  
dashed where inferred  
dotted where transitional
  - FOLD AXIS  
↓
  - FAULT  
dashed where inferred  
dotted where covered by younger sediments
  - THRUST FAULT  
▲▲▲
  - STRIKE AND DIP  
↘ 41°
  - OVERTURNED STRATA  
↘ 37°
  - STRIKE AND DIP  
of foliation  
↘ 41°
  - SHEARED BRECCIATED ROCKS  
|||||
  - LOCATION OF CROSS SECTION  
A—A'
  - LANDSLIDE  
∇∇∇

### GEOLOGIC SECTIONS

